

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 4 OCT 28 KOREAPAT now available on STN
NEWS 5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
February 2005

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:16:15 ON 10 JAN 2005

=> fil ca; e jp-05297601/pn

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CA' ENTERED AT 10:16:36 ON 10 JAN 2005

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FILE COVERS 1907 - 6 Jan 2005 VOL 142 ISS 3
FILE LAST UPDATED: 6 Jan 2005 (20050106/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

E1	1	JP05297598/PN
E2	1	JP05297599/PN
E3	1 -->	JP05297601/PN
E4	1	JP05297602/PN
E5	1	JP05297603/PN
E6	1	JP05297608/PN
E7	1	JP05297609/PN
E8	1	JP05297610/PN
E9	1	JP05297611/PN
E10	1	JP05297612/PN
E11	1	JP05297613/PN
E12	1	JP05297614/PN

=> s e3

L1 1 JP05297601/PN

=> sel rn

E1 THROUGH E1 ASSIGNED

=> fil reg; s e1; d

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.31

2.52

FILE 'REGISTRY' ENTERED AT 10:16:58 ON 10 JAN 2005

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STRUCTURE FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0

DICTIONARY FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

L2 1 66257-95-2/BI
(66257-95-2/RN)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 66257-95-2 REGISTRY
CN Poly(oxycarbonylphenylenecarbonyloxy-1,4-phenylene-9H-fluoren-9-ylidene-1,4-phenylene) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 9,9-Bis(4-hydroxyphenyl)fluorene-isophthaloyl chloride-terephthaloyl chloride copolymer, sru
CN Bisphenol fluorenone-isophthalic acid-terephthalic acid copolymer, SRU
CN Isaryl 25
CN Isaryl 25H
CN Isaryl 25S
CN Isaryl 25X
DR 146104-19-0
MF (C33 H20 O4)n
CI IDS, PMS, MAN
PCT Manual registration
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
DT.CA CAPLUS document type: Journal; Patent; Report
RL.P Roles from patents: PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)
RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

RELATED POLYMERS AVAILABLE WITH POLYLINK

STRUCTURE DIAGRAM IS NOT AVAILABLE

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

45 REFERENCES IN FILE CA (1907 TO DATE)
45 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil ca; e jp-07281456/pn

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.27	4.79

FILE 'CA' ENTERED AT 10:17:51 ON 10 JAN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 6 Jan 2005 VOL 142 ISS 3
FILE LAST UPDATED: 6 Jan 2005 (20050106/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

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E2          1      JP07281452/PN
E3          1  --> JP07281456/PN
E4          1      JP07281457/PN
E5          1      JP07281458/PN
E6          1      JP07281460/PN
E7          1      JP07281461/PN
E8          1      JP07281462/PN
E9          1      JP07281463/PN
E10         1      JP07281464/PN
E11         1      JP07281465/PN
E12         1      JP07281466/PN
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=> s e3

L3 1 JP07281456/PN

=> sel rn

E1 THROUGH E2 ASSIGNED

=> fil reg; s e1-e2; d 1-2

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.31	7.10

FILE 'REGISTRY' ENTERED AT 10:18:07 ON 10 JAN 2005
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STRUCTURE FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0
DICTIONARY FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

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          1 128-37-0/BI
              (128-37-0/RN)
          1 66257-95-2/BI
              (66257-95-2/RN)
L4        2 (128-37-0/BI OR 66257-95-2/BI)
```

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L4 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 66257-95-2 REGISTRY
 CN Poly(oxy carbonylphenylenecarbonyloxy-1,4-phenylene-9H-fluoren-9-ylidene-1,4-phenylene) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 9,9-Bis(4-hydroxyphenyl)fluorene-isophthaloyl chloride-terephthaloyl chloride copolymer, sru
 CN Bisphenol fluorenone-isophthalic acid-terephthalic acid copolymer, SRU
 CN Isaryl 25
 CN Isaryl 25H
 CN Isaryl 25S
 CN Isaryl 25X
 DR 146104-19-0
 MF (C33 H20 O4)n
 CI IDS, PMS, MAN
 PCT Manual registration
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
 DT.CA CAPLUS document type: Journal; Patent; Report
 RL.P Roles from patents: PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

RELATED POLYMERS AVAILABLE WITH POLYLINK

STRUCTURE DIAGRAM IS NOT AVAILABLE

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

45 REFERENCES IN FILE CA (1907 TO DATE)
 45 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 128-37-0 REGISTRY
 CN Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2,6-Bis(1,1-dimethylethyl)-4-methylphenol
 CN 2,6-Bis(tert-butyl)-4-methylphenol
 CN 2,6-Di-tert-butyl-4-cresol
 CN 2,6-Di-tert-butyl-4-hydroxytoluene
 CN 2,6-Di-tert-butyl-4-methyl-1-hydroxybenzene
 CN 2,6-Di-tert-butyl-4-methylhydroxybenzene
 CN 2,6-Di-tert-butyl-4-methylphenol
 CN 2,6-Di-tert-butyl-p-cresol
 CN 2,6-Di-tert-butyl-p-cresol
 CN 2,6-Di-tert-butyl-p-cresole
 CN 2,6-Di-tert-butyl-p-methylphenol
 CN 2,6-Di-tert-butylcresol
 CN 2,6-Di-tert-butylmethylphenol
 CN 2,6-tert-Butyl-4-methylphenol
 CN 3,5-Di-tert-butyl-4-hydroxytoluene
 CN 4-Hydroxy-3,5-di-tert-butyltoluene
 CN 4-Methyl-2,6-bis(1,1-dimethylethyl)phenol
 CN 4-Methyl-2,6-di-tert-butylphenol
 CN Advastab 401
 CN Agidol
 CN Agidol 1
 CN Alkofen BP
 CN Antage BHT
 CN Antioxidant 264

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CN Antioxidant 29
 CN Antioxidant 30
 CN Antioxidant 4
 CN Antioxidant 4K
 CN Antioxidant DBPC
 CN Antioxidant KB
 CN Antioxidant MPJ
 CN Antioxidant T 501
 CN Antox QT
 CN AO 29
 CN AO 4
 CN AO 4K
 CN AOX 4
 CN AOX 4K
 CN BAT
 CN BHT
 CN BHT 264
 CN BHT-C
 CN Buks
 CN Butylated hydroxytoluene
 CN CAO 1
 CN CAO 3
 CN Catalin CAO 3
 CN Chemanox 11
 CN Dalpac
 CN DBPC

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

FS 3D CONCORD

DR 53571-70-3, 58500-82-6, 97123-41-6, 102962-45-8, 50641-99-1, 83047-16-9,
 42615-30-5, 50356-19-9, 52683-46-2, 290348-23-1

MF C15 H24 O

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN,
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
 ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PHAR, PIRA,
 PROMT, PROUSDDR, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USAN,
 USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Cplus document type: Book; Conference; Dissertation; Journal; Patent;
 Report

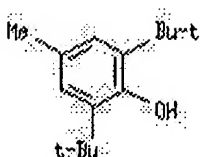
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC
 (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);
 PRP (Properties); RACT (Reactant or reagent); USES (Uses)

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

13408 REFERENCES IN FILE CA (1907 TO DATE)
 120 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 13426 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil ca; e jp-10020515/pn

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.97	12.07

FULL ESTIMATED COST

FILE 'CA' ENTERED AT 10:19:42 ON 10 JAN 2005

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FILE COVERS 1907 - 6 Jan 2005 VOL 142 ISS 3

FILE LAST UPDATED: 6 Jan 2005 (20050106/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

E1	1	JP10020512/PN
E2	1	JP10020514/PN
E3	1 -->	JP10020515/PN
E4	1	JP10020516/PN
E5	1	JP10020517/PN
E6	1	JP10020518/PN
E7	1	JP10020519/PN
E8	1	JP10020520/PN
E9	1	JP10020521/PN
E10	1	JP10020522/PN
E11	1	JP10020523/PN
E12	1	JP10020524/PN

=> s e3

L5 1 JP10020515/PN

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=> sel rn
E1 THROUGH E5 ASSIGNED

=> fil reg; s e1-e5		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.31	14.38

FILE 'REGISTRY' ENTERED AT 10:20:01 ON 10 JAN 2005
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STRUCTURE FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0
DICTIONARY FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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      1 164721-64-6/BI
        (164721-64-6/RN)
      1 203744-37-0/BI
        (203744-37-0/RN)
      1 24936-68-3/BI
        (24936-68-3/RN)
      1 25135-52-8/BI
        (25135-52-8/RN)
      1 28902-22-9/BI
        (28902-22-9/RN)
L6      5 (164721-64-6/BI OR 203744-37-0/BI OR 24936-68-3/BI OR 25135-52-8
        /BI OR 28902-22-9/BI)

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=> d 1-5

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L6  ANSWER 1 OF 5  REGISTRY  COPYRIGHT 2005 ACS on STN
RN  203744-37-0  REGISTRY
CN  Isaryl 25L (9CI)  (CA INDEX NAME)
ENTE A polyester resin (Isonova)
MF  Unspecified
CI  PMS, MAN
PCT Manual registration
SR  CA
LC  STN Files:  CA, CAPLUS
DT.CA Caplus document type: Patent
RL.P  Roles from patents:  USES (Uses)

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STRUCTURE DIAGRAM IS NOT AVAILABLE

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      1 REFERENCES IN FILE CA (1907 TO DATE)
      1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

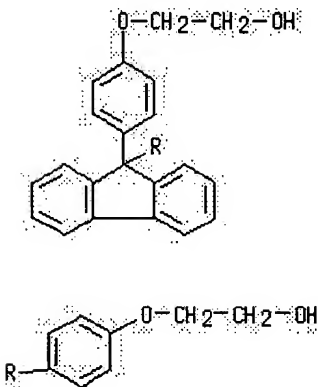
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STN Columbus

L6 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 164721-64-6 REGISTRY
 CN 1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol and
 2,2'-[9H-fluoren-9-ylidenebis(4,1-phenyleneoxy)]bis[ethanol] (9CI) (CA
 INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2-Ethanediol, polymer with 1,4-benzenedicarboxylic acid and
 2,2'-[9H-fluoren-9-ylidenebis(4,1-phenyleneoxy)]bis[ethanol] (9CI)
 CN Ethanol, 2,2'-[9H-fluoren-9-ylidenebis(4,1-phenyleneoxy)]bis-, polymer
 with 1,4-benzenedicarboxylic acid and 1,2-ethanediol (9CI)
 OTHER NAMES:
 CN Bis(phenoxyethanol)fluorene-ethylene glycol-terephthalic acid copolymer
 CN O-PET
 DR 182441-31-2
 MF (C29 H26 O4 . C8 H6 O4 . C2 H6 O2)x
 CI PMS
 PCT Polyester, Polyester formed, Polyether
 SR CA
 LC STN Files: ADISNEWS, CA, CAPLUS, PIRA, USPAT2, USPATFULL
 DT.CA Caplus document type: Conference; Patent
 RL.P Roles from patents: PREP (Preparation); PROC (Process); PRP
 (Properties); USES (Uses)
 RL.NP Roles from non-patents: PRP (Properties); USES (Uses)

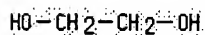
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CM 2

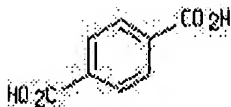
CRN 107-21-1
 CMF C2 H6 O2



CM 3

STN Columbus

CRN 100-21-0
CMF C8 H6 O4

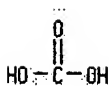


23 REFERENCES IN FILE CA (1907 TO DATE)
23 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
RN 28902-22-9 REGISTRY
CN Carbonic acid, polymer with [1,1'-biphenyl]-4,4'-diol and 4,4'-(1-methylethylidene)bis[phenol] (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4,4'-Biphenyldiol, polyester with carbonic acid and 4,4'-isopropylidenediphenol (8CI)
CN Carbonic acid, polyester with 4,4'-biphenyldiol and 4,4'-isopropylidenediphenol (8CI)
CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with [1,1'-biphenyl]-4,4'-diol and carbonic acid (9CI)
CN Phenol, 4,4'-isopropylidenedi-, polyester with 4,4'-biphenyldiol and carbonic acid (8CI)
CN [1,1'-Biphenyl]-4,4'-diol, polymer with carbonic acid and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
OTHER NAMES:
CN 4,4'-Biphenyldiol-bisphenol A-carbonic acid copolymer
CN B 300
CN B 300 (polycarbonate)
CN Bisphenol A-4,4'-biphenol-carbonic acid copolymer
CN Bisphenol A-4,4'-biphenyldiol-carbonic acid copolymer
CN Bisphenol A-carbonic acid-4,4'-dihydroxybiphenyl copolymer
CN BP-PC
CN Makrolon DP 1-1848
MF (C15 H16 O2 . C12 H10 O2 . C H2 O3)x
CI PMS, COM
PCT Polycarbonate, Polycarbonate formed
LC STN Files: CA, CAPLUS, CHEMCATS, IFICDB, IFIPAT, IFIUDB, USPAT2, USPATFULL
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: PREP (Preparation); PRP (Properties); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: PRP (Properties); USES (Uses)

CM 1

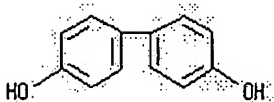
CRN 463-79-6
CMF C H2 O3



CM 2

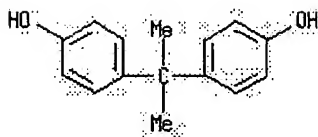
STN Columbus

CRN 92-88-6
CMF C12 H10 O2



CM 3

CRN 80-05-7
CMF C15 H16 O2



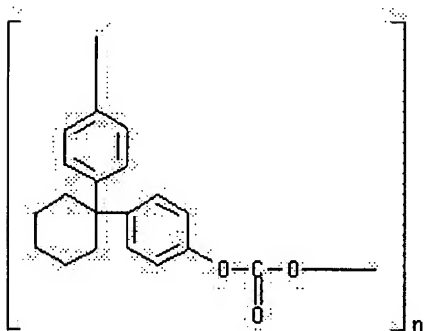
93 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
93 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
RN 25135-52-8 REGISTRY
CN Poly(oxy-carbonyloxy-1,4-phenylenecyclohexylidene-1,4-phenylene) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Poly(oxy-carbonyloxy-p-phenylenecyclohexylidene-p-phenylene) (8CI)
OTHER NAMES:
CN 1,1-Bis(4'-hydroxyphenyl)cyclohexane-phosgene copolymer sru
CN 1,1-Bis(4-hydroxyphenyl)cyclohexane polycarbonate
CN 1,1-Bis(4-hydroxyphenyl)cyclohexane polycarbonate sru
CN 1,1-Bis(4-hydroxyphenyl)cyclohexane-carbonic acid copolymer, sru
CN 1,1-Bis(4-hydroxyphenyl)cyclohexane-phosgene copolymer, SRU
CN 4,4'-Cyclohexylidenebisphenol bis(chloroformate) homopolymer, sru
CN Bisphenol Z-carbonic acid copolymer, sru
CN Bisphenol Z-polycarbonate, sru
CN Carbon monoxide-4,4'-cyclohexylidenediphenol copolymer, SRU
CN Carbonic acid-4,4'-(cyclohexylidene)diphenol polymer, SRU
CN Carbonic acid-4,4'-cyclohexylidenebisphenol copolymer, SRU
CN Carbonic acid-cyclohexylidenediphenol copolymer, SRU
CN Ilon
CN Iupilon TS 2020
CN Iupilon TS 2050
CN Iupilon Z 200
CN Iupilon Z 300
CN Iupilon Z 400
CN Iupilon Z 800
CN Panlite TS 2020
CN Panlite TS 2050
CN PC-Z
CN PCZ 200
CN PCZ 300
CN PCZ 400

STN Columbus

CN PCZ 500
 CN PCZ 800
 CN PK-Z 200
 CN Poly(4,4'-cyclohexylidenediphenyl)carbonate
 CN Poly(4,4'-cyclohexylidenediphenylene carbonate)
 CN Polycarbonate Z
 CN TS 2020
 CN TS 2030
 CN TS 2050
 CN Z 200
 CN Z 300
 CN Z 400
 CN Z-Resin
 DR 161279-69-2, 161279-70-5, 161445-77-8, 124758-65-2, 123514-71-6,
 103250-97-1, 135944-94-4, 141655-43-8, 152232-17-2, 152618-74-1,
 153020-64-5, 156147-46-5, 189105-93-9, 314238-16-9
 MF (C19 H18 O3)n
 CI PMS, COM
 PCT Polycarbonate
 LC STN Files: BIOBUSINESS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, DDFU,
 DRUGU, IFICDB, IFIPAT, IFIUDB, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: MSC (Miscellaneous); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
 PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: OCCU (Occurrence); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RELATED POLYMERS AVAILABLE WITH POLYLINK



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

942 REFERENCES IN FILE CA (1907 TO DATE)
 14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 941 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 24936-68-3 REGISTRY
 CN Poly[oxycarbonyloxy-1,4-phenylene(1-methylethylidene)-1,4-phenylene] (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 141R

STN Columbus

CN 2,2-(4-Hydroxyphenyl)propane-phosgene copolymer sru
 CN 2,2-Bis(4-hydroxyphenyl)propane disodium salt-phosgene polymer, SRU
 CN 2,2-Bis(4-hydroxyphenyl)propane polycarbonate SRU
 CN 2,2-Bis(4-hydroxyphenyl)propane-carbonic acid copolymer, SRU
 CN 2,2-Bis(4-hydroxyphenyl)propane-carbonic acid polymer, sru
 CN 2,2-Bis(4-hydroxyphenyl)propane-diphenyl carbonate copolymer, sru
 CN 2,2-Bis(4-hydroxyphenyl)propane-phosgene copolymer, SRU
 CN 4,4'-Isopropylidenedi-p-phenylene bis(2,2,2-trichloroethyl) carbonate homopolymer sru
 CN 7022A
 CN 7022PJ
 CN 7022PJ4LV
 CN 7025A
 CN A 1700
 CN A 1900
 CN A 2200
 CN A 2500
 CN A 3000
 CN AD 5503
 CN AD 9000TG
 CN Bayloy
 CN Bis(methyl salicyl) carbonate-bisphenol A copolymer, SRU
 CN Bisphenol A diacetate-dimethyl carbonate copolymer, SRU
 CN Bisphenol A dimethyl carbonate-diphenyl carbonate copolymer, SRU
 CN Bisphenol A disodium salt-phosgene copolymer, SRU
 CN Bisphenol A polycarbonate SRU
 CN Bisphenol A-bis(2,2,2-trichloroethyl) carbonate copolymer SRU
 CN Bisphenol A-bis(2,4,6-trichlorophenyl) carbonate copolymer, sru
 CN Bisphenol A-bisphenol A bis(chloroformate) polymer, SRU
 CN Bisphenol A-bisphenol A bischloroformate copolymer, SRU
 CN Bisphenol A-bisphenol A disodium salt-carbonic acid copolymer, SRU
 CN Bisphenol A-carbon dioxide copolymer, SRU
 CN Bisphenol A-carbon monoxide copolymer, SRU
 CN Bisphenol A-carbonate acid polymer, SRU
 CN Bisphenol A-carbonic acid copolymer, SRU
 CN Bisphenol A-carbonic acid polymer SRU
 CN Bisphenol A-dimethyl carbonate copolymer, SRU
 CN Bisphenol A-diphenyl carbonate copolymer, SRU
 CN Bisphenol A-phosgene copolymer, SRU
 CN Bisphenol A-phosgene polymer, SRU
 CN Bisphenol A-triphosgene copolymer, sru
 CN Bistan
 CN Bistan 22-76
 CN Bistan 24-76
 CN Bistan A
 CN Bistan AE 23/76
 CN Bistan AF
 CN Bistan Af/p 6
 CN Bistan Af/p 6/71
 CN Bistan AK 33

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

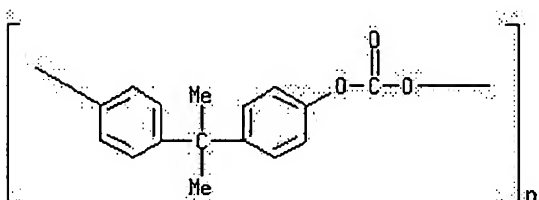
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STN Columbus

51329-81-8, 51668-44-1, 119791-46-7, 115138-11-9, 61240-80-0, 61585-00-0, 61585-01-1, 61585-02-2, 61585-03-3, 108570-06-5, 65988-07-0, 66331-06-4, 37213-68-6, 37328-70-4, 37328-75-9, 37338-73-1, 141092-85-5, 111417-42-6, 112429-24-0, 137802-05-2, 72432-81-6, 74504-68-0, 71751-70-7, 76416-27-8, 76416-28-9, 76633-01-7, 77108-31-7, 142367-83-7, 75496-05-8, 75497-55-1, 77950-47-1, 78690-93-4, 146401-81-2, 150385-78-7, 153569-57-4, 154214-37-6, 143339-79-1, 152987-85-4, 155215-63-7, 156147-51-2, 85537-61-7, 86003-20-5, 82375-68-6, 83046-86-0, 81031-58-5, 81690-26-8, 84683-12-5, 87915-82-0, 91594-12-6, 88529-01-5, 39277-79-7, 39289-65-1, 39316-30-8, 39320-53-1, 39405-77-1, 39412-54-9, 39423-32-0, 39432-61-6, 39454-92-7, 39457-52-8, 39459-87-5, 39468-13-8, 39475-41-7, 52233-34-8, 52276-65-0, 52276-66-1, 52341-55-6, 107044-16-6, 108192-78-5, 110540-36-8, 116958-58-8, 156680-68-1, 160307-54-0, 160674-93-1, 188204-08-2, 193226-12-9, 244136-28-5, 258523-15-8, 272769-37-6, 299163-72-7, 357274-13-6, 540734-47-2

MF (C16 H14 O3)n
 CI PMS, COM
 PCT Polycarbonate
 LC STN Files: AGRICOLA, ANABSTR, ASMDATA*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PLASPEC*, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RELATED POLYMERS AVAILABLE WITH POLYLINK



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16508 REFERENCES IN FILE CA (1907 TO DATE)
 431 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 16519 REFERENCES IN FILE CAPLUS (1907 TO DATE)

STN Columbus

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=> fil stnguide
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          9.63      24.01
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FILE 'STNGUIDE' ENTERED AT 10:20:48 ON 10 JAN 2005
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Jan 7, 2005 (20050107/UP).

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=> fil reg; s fluoren?
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.48      24.49
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FILE 'REGISTRY' ENTERED AT 10:25:35 ON 10 JAN 2005
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Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0
 DICTIONARY FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
 information enter HELP PROP at an arrow prompt in the file or refer
 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

L7 112194 FLUOREN?

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=> s l7 and pms/ci
      1047344 PMS/CI
L8      7594 L7 AND PMS/CI
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=> e polycarbonate/pct
E1      1113      POLYCARBODIIMIDE/PCT
E2      517      POLYCARBODIIMIDE FORMED/PCT
E3      17465 --> POLYCARBONATE/PCT
E4      14559      POLYCARBONATE FORMED/PCT
E5      1226      POLYCYANURATE/PCT
E6      1218      POLYCYANURATE FORMED/PCT
E7      181661     POLYESTER/PCT
E8      148054     POLYESTER FORMED/PCT
E9      252548     POLYETHER/PCT
E10     66862     POLYETHER FORMED/PCT
E11     3444      POLYHYDRAZIDE/PCT
```

STN Columbus

E12 2640 POLYHYDRAZIDE FORMED/PCT

=> s l7 and (e3 or polyester/pct)

17465 POLYCARBONATE/PCT

181661 POLYESTER/PCT

L9 1540 L7 AND (POLYCARBONATE/PCT OR POLYESTER/PCT)

=> fil ca; s l9 and electrophotog?

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

24.19

48.68

FILE 'CA' ENTERED AT 10:27:26 ON 10 JAN 2005

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 6 Jan 2005 VOL 142 ISS 3

FILE LAST UPDATED: 6 Jan 2005 (20050106/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

977 L9

63097 ELECTROPHOTOG?

L10 135 L9 AND ELECTROPHOTOG?

=> s l10 and antioxid?

120685 ANTIOXID?

L11 1 L10 AND ANTIOXID?

=> d

L11 ANSWER 1 OF 1 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 140:207432 CA

TI **Electrophotographic** monolayered photoreceptor for **electrophotographic** photoreceptor drum in process cartridge of **electrophotographic** image-forming apparatus

IN Lee, Hwan-Koo; Yokota, Saburo; Yon, Kyung-Yol; Kim, Beom-Jun; Shu, Kei-Li; Lee, Nam-Jeong

PA Samsung Electronics Co., Ltd., S. Korea

SO Jpn. Kokai Tokkyo Koho, 38 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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STN Columbus

PI	JP 2004062211	A2	20040226	JP 2003-281149	20030728
	US 2004063017	A1	20040401	US 2003-617873	20030714
PRAI	KR 2002-44502	A	20020727		

=> s l10 and hindered
 33637 HINDERED
 L12 2 L10 AND HINDERED

=> s l12 not l11
 L13 2 L12 NOT L11

=> d 1-2

L13 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 128:121701 CA
 TI **Electrophotographic** photoreceptor using polymer charge-transporting agent
 IN Tamura, Hiroshi; Suzuki, Tetsuo; Ikino, Hong; Nagame, Hiroshi; Aoto, Atsushi; Kojima, Shigeto; Arami, Tatsuya; Kami, Hidenori
 PA Ricoh Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 46 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 09319112	A2	19971212	JP 1996-151812	19960524
PRAI	JP 1996-151812		19960524		

L13 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 128:108424 CA
 TI **Electrophotographic** photoreceptor using polymer charge-transporting substance
 IN Tamura, Hiroshi; Suzuki, Tetsuo; Ikino, Hiroshi; Nagame, Hiroshi; Aoto, Atsushi; Kojima, Shigeto; Arami, Tatsuya; Kami, Eri
 PA Ricoh Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 43 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 09319106	A2	19971212	JP 1996-151810	19960524
PRAI	JP 1996-151810		19960524		

=> d kwic 1-2

L13 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

TI **Electrophotographic** photoreceptor using polymer charge-transporting agent
 AB . . . photoreceptor comprises a conductive support coated with a photosensitive layer contg. a charge-generating agent, a polymer charge-transporting agent, and a **hindered** amine compd. The photoreceptor shows high abrasion resistance in repeated use, resistance to reactive gases, and charging properties.
 ST **electrophotog** photoreceptor polymer charge transporting agent;
hindered amine **electrophotog** photoreceptor
 IT **Electrophotographic** photoconductors (photoreceptors)

STN Columbus

- (**electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- IT Polycarbonates, uses
RL: DEV (Device component use); USES (Uses)
(**electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- IT Amines, uses
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(**hindered; electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- IT 107119-91-5, DN 48
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(DN 48; **electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- IT 156791-99-0
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(DN 56; **electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- IT 120359-10-6 160380-07-4 173072-53-2 174829-96-0 174830-33-2
178889-17-3 198983-20-9 200423-27-4 200950-32-9 200950-55-6
200950-62-5 201135-07-1 201136-22-3 201148-52-9 201158-20-5
201300-43-8 201337-49-7 201337-58-8 201361-79-7 201362-38-1
201423-16-7 201423-26-9
RL: DEV (Device component use); USES (Uses)
(**electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- IT 41556-26-7, Sanol LS 765 65447-77-0, Tinuvin 622 LD
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(**electrophotog.** photoreceptor contg. polymer charge-transporting agent and **hindered** amine)
- L13 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN
- TI **Electrophotographic** photoreceptor using polymer charge-transporting substance
- AB . . . a conductive support coated with a photosensitive layer contg. a charge-generating substance, a polymer charge-transporting substance, and a compd. having **hindered** amine and **hindered** phenol structures in its mol. The photoreceptor shows high abrasion resistance in repeated use, resistance to reactive gases, and charging. . . .
- ST **electrophotog** photoreceptor polymer charge transporting agent;
hindered phenol amine **electrophotog** photoreceptor
- IT **Electrophotographic** photoconductors (photoreceptors)
(**electrophotog.** photoreceptor contg. polymer charge-transporting agent and compd. with **hindered** amine and phenol groups)
- IT Polycarbonates, uses
RL: DEV (Device component use); USES (Uses)
(**electrophotog.** photoreceptor contg. polymer charge-transporting agent and compd. with **hindered** amine and phenol groups)
- IT Amines, uses
Phenols, uses
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(**hindered; electrophotog.** photoreceptor contg. polymer charge-transporting agent and compd. with **hindered** amine and phenol groups)
- IT 73754-27-5

STN Columbus

RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (LS 2626; **electrophotog.** photoreceptor contg. polymer charge-transporting agent and compd. with **hindered** amine and phenol groups)

IT 120359-10-6 160380-07-4 173072-53-2 174829-96-0 174830-33-2
 178889-17-3 198983-20-9 200423-27-4 200950-32-9 200950-55-6
 200950-62-5 201135-07-1 201136-22-3 201148-52-9 201158-20-5
 201300-43-8 201337-49-7 201337-58-8 201361-79-7 201362-38-1
 201423-16-7 201423-26-9

RL: DEV (Device component use); USES (Uses)
 (**electrophotog.** photoreceptor contg. polymer charge-transporting agent and compd. with **hindered** amine and phenol groups)

IT 63843-89-0, Tinuvin 144

RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (**electrophotog.** photoreceptor contg. polymer charge-transporting agent and compd. with **hindered** amine and phenol groups)

=> fil reg; d acc 201423-26-9; fil CA

FILE 'REGISTRY' ENTERED AT 10:29:51 ON 10 JAN 2005

ANSWER 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 201423-26-9 REGISTRY

CN Carbonic acid, polymer with 4,4'-[4-[4-[(9,9-dimethyl-9H-fluoren-2-yl) (4-methylphenyl)amino]phenyl]butylidene]bis[phenol] and 1,6-hexanediol (9CI)
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediol, polymer with carbonic acid and 4,4'-[4-[4-[(9,9-dimethyl-9H-fluoren-2-yl) (4-methylphenyl)amino]phenyl]butylidene]bis[phenol] (9CI)

CN Phenol, 4,4'-[4-[4-[(9,9-dimethyl-9H-fluoren-2-yl) (4-methylphenyl)amino]phenyl]butylidene]bis-, polymer with carbonic acid and 1,6-hexanediol (9CI)

MF (C44 H41 N O2 . C6 H14 O2 . C H2 O3)x

CI PMS

PCT Polycarbonate, Polycarbonate formed

SR CA

LC STN Files: CA, CAPLUS

DT.CA CPlus document type: Patent

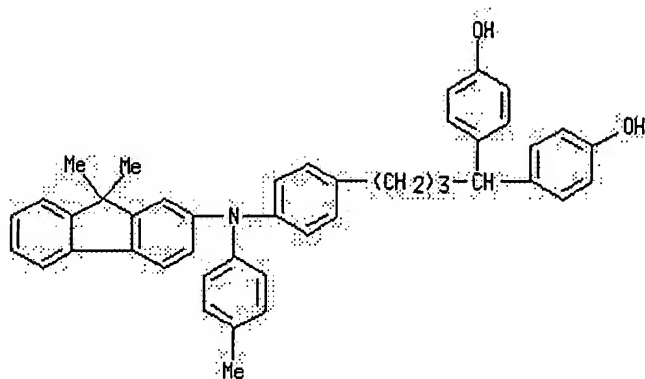
RL.P Roles from patents: USES (Uses)

CM 1

CRN 189503-66-0

CMF C44 H41 N O2

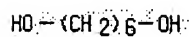
STN Columbus



CM 2

CRN 629-11-8

CMF C6 H14 O2



CM 3

CRN 463-79-6

CMF C H2 O3



4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

FILE 'CA' ENTERED AT 10:29:52 ON 10 JAN 2005

=> d his

(FILE 'HOME' ENTERED AT 10:16:15 ON 10 JAN 2005)

FILE 'CA' ENTERED AT 10:16:36 ON 10 JAN 2005

E JP-05297601/PN

L1 1 S E3
SEL RN

FILE 'REGISTRY' ENTERED AT 10:16:58 ON 10 JAN 2005

L2 1 S E1

FILE 'CA' ENTERED AT 10:17:51 ON 10 JAN 2005

E JP-07281456/PN

L3 1 S E3
SEL RN

STN Columbus

L4 FILE 'REGISTRY' ENTERED AT 10:18:07 ON 10 JAN 2005
2 S E1-E2

L5 FILE 'CA' ENTERED AT 10:19:42 ON 10 JAN 2005
E JP-10020515/PN
1 S E3
SEL RN

L6 FILE 'REGISTRY' ENTERED AT 10:20:01 ON 10 JAN 2005
5 S E1-E5

FILE 'STNGUIDE' ENTERED AT 10:20:48 ON 10 JAN 2005

L7 FILE 'REGISTRY' ENTERED AT 10:25:35 ON 10 JAN 2005
112194 S FLUOREN?
L8 7594 S L7 AND PMS/CI
E POLYCARBONATE/PCT
L9 1540 S L7 AND (E3 OR POLYESTER/PCT)

L10 FILE 'CA' ENTERED AT 10:27:26 ON 10 JAN 2005
135 S L9 AND ELECTROPHOTOG?
L11 1 S L10 AND ANTIOXID?
L12 2 S L10 AND HINDERED
L13 2 S L12 NOT L11

FILE 'REGISTRY' ENTERED AT 10:29:51 ON 10 JAN 2005

FILE 'CA' ENTERED AT 10:29:52 ON 10 JAN 2005

=> fil uspatfull; s l9

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.86	65.62

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.36

FILE 'USPATFULL' ENTERED AT 10:31:13 ON 10 JAN 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 6 Jan 2005 (20050106/PD)
FILE LAST UPDATED: 6 Jan 2005 (20050106/ED)
HIGHEST GRANTED PATENT NUMBER: US6839903
HIGHEST APPLICATION PUBLICATION NUMBER: US2005005336
CA INDEXING IS CURRENT THROUGH 6 Jan 2005 (20050106/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 6 Jan 2005 (20050106/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2004
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2004

```
>>> USPAT2 is now available.  USPATFULL contains full text of the  <<<
>>> original, i.e., the earliest published granted patents or  <<<
>>> applications.  USPAT2 contains full text of the latest US  <<<
>>> publications, starting in 2001, for the inventions covered in  <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent  <<<
>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.  <<<
```

STN Columbus

```
>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

L14 161 L9

```
=> s l14 and (antioxid? or hindered)
      105458 ANTIOXID?
      48672 HINDERED
```

L15 56 L14 AND (ANTIOXID? OR HINDERED)

```
=> s l15 and (electrophotog? or photoconduct? or photorecept? or electrostat? or xerograph?)
      36901 ELECTROPHOTOG?
      34601 PHOTOCONDUCT?
      16207 PHOTORECEPT?
      132958 ELECTROSTAT?
      11306 XEROGRAPH?
```

L16 21 L15 AND (ELECTROPHOTOG? OR PHOTOCONDUCT? OR PHOTORECEPT? OR ELECTROSTAT? OR XEROGRAPH?)

=> d pn 1-21

L16 ANSWER 1 OF 21 USPATFULL on STN
PI US 2004137346 A1 20040715

L16 ANSWER 2 OF 21 USPATFULL on STN
PI US 2004137345 A1 20040715

L16 ANSWER 3 OF 21 USPATFULL on STN
PI US 2004091801 A1 20040513

L16 ANSWER 4 OF 21 USPATFULL on STN
PI US 2004063017 A1 20040401

L16 ANSWER 5 OF 21 USPATFULL on STN
PI US 2004009419 A1 20040115

L16 ANSWER 6 OF 21 USPATFULL on STN
PI US 2003186158 A1 20031002

L16 ANSWER 7 OF 21 USPATFULL on STN
PI US 2003055200 A1 20030320
US 6780965 B2 20040824

L16 ANSWER 8 OF 21 USPATFULL on STN
PI US 6469127 B1 20021022
WO 2000042088 20000720

L16 ANSWER 9 OF 21 USPATFULL on STN
PI US 2002147278 A1 20021010
US 6664361 B2 20031216

L16 ANSWER 10 OF 21 USPATFULL on STN

STN Columbus

PI US 2002132959 A1 20020919
US 6630562 B2 20031007

L16 ANSWER 11 OF 21 USPATFULL on STN
PI US 2002119385 A1 20020829
US 6573017 B2 20030603

L16 ANSWER 12 OF 21 USPATFULL on STN
PI US 2002061997 A1 20020523
US 6576735 B2 20030610

L16 ANSWER 13 OF 21 USPATFULL on STN
PI US 6326112 B1 20011204

L16 ANSWER 14 OF 21 USPATFULL on STN
PI US 6258498 B1 20010710

L16 ANSWER 15 OF 21 USPATFULL on STN
PI US 6187493 B1 20010213

L16 ANSWER 16 OF 21 USPATFULL on STN
PI US 6130310 20001010

L16 ANSWER 17 OF 21 USPATFULL on STN
PI US 6045959 20000404

L16 ANSWER 18 OF 21 USPATFULL on STN
PI US 6043334 20000328
WO 9720878 19971212

L16 ANSWER 19 OF 21 USPATFULL on STN
PI US 5876890 19990302

L16 ANSWER 20 OF 21 USPATFULL on STN
PI US 5780194 19980714

L16 ANSWER 21 OF 21 USPATFULL on STN
PI US 5654119 19970805

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.16	120.78

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.36

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:32:56 ON 10 JAN 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'USPATFULL' AT 10:50:55 ON 10 JAN 2005
FILE 'USPATFULL' ENTERED AT 10:50:55 ON 10 JAN 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.16	120.78

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
--	------------	-------

STN Columbus

	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.36
=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.16	120.78
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.36

FILE 'REGISTRY' ENTERED AT 10:51:08 ON 10 JAN 2005
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0
 DICTIONARY FILE UPDATES: 7 JAN 2005 HIGHEST RN 810025-80-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
 information enter HELP PROP at an arrow prompt in the file or refer
 to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 10:16:15 ON 10 JAN 2005)

FILE 'CA' ENTERED AT 10:16:36 ON 10 JAN 2005
 E JP-05297601/PN
 L1 1 S E3
 SEL RN

FILE 'REGISTRY' ENTERED AT 10:16:58 ON 10 JAN 2005
 L2 1 S E1

FILE 'CA' ENTERED AT 10:17:51 ON 10 JAN 2005
 E JP-07281456/PN
 L3 1 S E3
 SEL RN

FILE 'REGISTRY' ENTERED AT 10:18:07 ON 10 JAN 2005
 L4 2 S E1-E2

FILE 'CA' ENTERED AT 10:19:42 ON 10 JAN 2005
 E JP-10020515/PN
 L5 1 S E3
 SEL RN

FILE 'REGISTRY' ENTERED AT 10:20:01 ON 10 JAN 2005
 L6 5 S E1-E5

STN Columbus

FILE 'STNGUIDE' ENTERED AT 10:20:48 ON 10 JAN 2005

FILE 'REGISTRY' ENTERED AT 10:25:35 ON 10 JAN 2005

L7 112194 S FLUOREN?
 L8 7594 S L7 AND PMS/CI
 E POLYCARBONATE/PCT
 L9 1540 S L7 AND (E3 OR POLYESTER/PCT)

FILE 'CA' ENTERED AT 10:27:26 ON 10 JAN 2005

L10 135 S L9 AND ELECTROPHOTOG?
 L11 1 S L10 AND ANTIOXID?
 L12 2 S L10 AND HINDERED
 L13 2 S L12 NOT L11

FILE 'REGISTRY' ENTERED AT 10:29:51 ON 10 JAN 2005

FILE 'CA' ENTERED AT 10:29:52 ON 10 JAN 2005

FILE 'USPATFULL' ENTERED AT 10:31:13 ON 10 JAN 2005

L14 161 S L9
 L15 56 S L14 AND (ANTIOXID? OR HINDERED)
 L16 21 S L15 AND (ELECTROPHOTOG? OR PHOTOCONDUCT? OR PHOTORECEPT? OR E

FILE 'REGISTRY' ENTERED AT 10:51:08 ON 10 JAN 2005

=> save a617873/a l9
 ANSWER SET L9 HAS BEEN SAVED AS 'A617873/A'

=> fil stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.43	121.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.36

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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Jan 7, 2005 (20050107/UP).

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